

LDWSF  
12.3.77  
12.3.153

*WTS*  
*Lloyd - Please take*  
*Care of this*  
*WTS*  
**Monsanto**

MONSANTO INDUSTRIAL CHEMICALS CO.  
9229 East Marginal Way South  
P. O. Box 80953  
Seattle, Washington 98108  
Phone: (206) 762-2800

July 27, 1976

*764 4450*

Mr. Wilbur McClinton, Plant Manager  
Lone Star Industries, Inc.  
3801 E. Marginal Way South  
Seattle, Washington 98134

Dear Mr. McClinton:

Monsanto has available a waste product (VBL Solids) which might be suitable as a calcium source for cement manufacture. We need to develop alternates to our present practice of landfilling this waste. My purpose in writing is to request the opportunity to meet with you or other appropriate members of your staff to discuss the potential use of VBL Solids in your plant.

VBL Solids are available as a wet cake at a rate of 10 tons CaO equivalent per day. Flexibility is possible in composition to meet special processing needs you may have. A description and typical analysis of the material available is enclosed.

I will be calling you in the next few days to determine if a meeting would be appropriate.

Very truly yours

*P. F. Hohenschuh*

Paul F. Hohenschuh  
Technical Services Supt.

PFH:pc

Enclosure

USEPA SF



1316135

AGC2E000038

# Vanillin Black Liquid

## VBL SOLIDS TYPICAL ANALYSIS

DATA FROM JULY 1978

Water	40%	45%
Calcium	20%	31%
Sodium	1%	5% - 6%
<u>Copper</u>	1%	1-2%
Carbonate	20%	32%
Oxalate	15%	25%
Sulfate	0.5%	
Specific Gravity	1.6	
pH	12.5	
Color	Dark Brown	
Characteristic	Thick Semi-fluid Mud	

35 Tons/DAY wet material

15,000 TONS/YR.